### INTERNATIONAL STANDARD

ISO 17840-2

First edition 2019-04

# Road vehicles — Information for first and second responders —

Part 2:

Rescue sheet for buses, coaches and heavy commercial vehicles

Véhicules routiers — Information pour les premier et second intervenants —

Partie 2: Fiche de secours pour les autocars, bus et véhicules commerciaux lourds





© ISO 2019

Vementation, no parbanical, including requested for All rights reserved. Unless otherwise specified, or required in the context of its implementation, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office CP 401 • Ch. de Blandonnet 8 CH-1214 Vernier, Geneva Phone: +41 22 749 01 11 Fax: +41 22 749 09 47 Email: copyright@iso.org Website: www.iso.org

Published in Switzerland

| Con   | itent                   | S   |   |                   |         |          |  |       | Page   |  |  |  |  |  |  |  |
|-------|-------------------------|---|---|-------------------|---------|----------|--|-------|--|--|--|--|--|--|--|--|
| Fore  | vord                    |   |   |                   |         |          |  |       | iv   |  |  |  |  |  |  |  |
| Intro | ductio                  | n   |   |                   |         |          |  | <br>  | <br><b>v</b>                                   |  |  |  |  |  |  |  |
| 1     | Scop                    | e   |   |                   |         |          |  | <br>  | <br>1  |  |  |  |  |  |  |  |
| 2     | Normative references    |   |   |                   |         |          |  | <br>1 |  |  |  |  |  |  |  |  |
| 3     | Term                    | s, defini   | tions and   | <b>l abbrev</b> i | iations |          |  | <br>  | <br>2  |  |  |  |  |  |  |  |
| 4     | <b>Picto</b> 4.1 4.2    | Colour  | coding pi   | rinciples         |         |          |  | <br>  | <br>2<br>2                                     |  |  |  |  |  |  |  |
| 5     | <b>Layo</b> 5.1 5.2 5.3 | Genera<br>Front p<br>5.2.1<br>5.2.2<br>5.2.3<br>5.2.4<br>5.2.5<br>5.2.6 | l requirer<br>page<br>General<br>Header<br>Top viev<br>Side vie<br>Legend<br>Footer | w                 |         |          |  |       | 3<br>3<br>3<br>3<br>3<br>4<br>4<br>4<br>4<br>4 |  |  |  |  |  |  |  |
| Anne  | <b>x A</b> (no          |   |   |                   |         |          |  |       | 6  |  |  |  |  |  |  |  |
|       |                         |   |   |                   |         |          |  |       | 8  |  |  |  |  |  |  |  |
| Anne  | x C (inf                | formative   | ) Rescue  | sheet ex          | amples  | <i>.</i> |  | <br>  | <br>9<br>16                                    |  |  |  |  |  |  |  |
|       |                         |   |   |                   |         |          |  |       | 5  |  |  |  |  |  |  |  |

#### **Foreword**

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see <a href="www.iso.org/directives">www.iso.org/directives</a>).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see <a href="https://www.iso.org/patents">www.iso.org/patents</a>).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation on the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see the following URL: <a href="https://www.iso.org/iso/foreword.html">www.iso.org/iso/foreword.html</a>.

This document was prepared by ISO/TC 22, Road vehicles, Subcommittee SC 36, Safety and impact testing.

A list of all parts in the ISO 17840- series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at <a href="https://www.iso.org/members.html">www.iso.org/members.html</a>.

#### Introduction

For first and second responders initiating a rescuing action at a traffic accident site it is of utmost importance to make the correct decisions quickly to save lives of the traffic victims, and to avoid risking their own lives in the rescuing activity. For these decisions, it is necessary to have access to unambiguous information about the vehicles involved.

This document provides manufacturers of buses, coaches and heavy commercial road vehicles with a uniform way to present the data needed for rescue teams in a rescue sheet.

Similar to ISO 17840-1 (applicable to passenger cars and light commercial vehicles), this document Jes Jeavy v e-art vehic. addresses pictograms and design of the rescue sheet, taking into account the added complexity and specific needs for the heavy vehicles. This document considers the various propulsion systems applicable to state-of-the-art vehicle technology.

This document is a previous generated by tills

## Road vehicles — Information for first and second responders —

### Part 2:

### Rescue sheet for buses, coaches and heavy commercial vehicles

IMPORTANT — The colours represented in the electronic file of this document can be neither viewed on screen nor printed as true representations. For the purposes of colour matching, see ISO 3864-4 which provides colorimetric and photometric properties together with, as a guideline, references from colour order systems.

#### 1 Scope

This document defines the content and the layout of the rescue sheet providing necessary and useful information about a vehicle involved in an accident/incident to support the rescue team in rescuing the vehicle occupants as quickly and safely as possible.

This document is applicable to buses, coaches and heavy commercial vehicles according to ISO 3833. This document could be applicable also to other types of vehicles using similar technologies.

The contents and layout considers that the rescue sheet has to be easy to use by rescue teams over the world and can be communicated in paper or electronic format.

Applicable pictograms for use in the rescue sheet are provided in ISO 17840-3. Information related to propulsion energy identification is given in ISO 17840-4.

The identification of the vehicle and of the model via a database using the license plate, the VIN number, an automatic emergency call system (e.g. e-Call) system or other identifiers (e.g. bar code or QR code) is not covered by this document.

The rescue process or the process of handling the rescue sheets is not covered by this document.

NOTE The template for structuring of more in-depth rescue information is given in ISO 17840-3.

#### 2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 17840-1, Road vehicles — Information for first and second responders — Part 1: Rescue sheet for passenger cars and light commercial vehicles

ISO 17840-3:2019, Road vehicles — Information for first and second responders — Part 3: Emergency response guide template

ISO 17840-4, Road vehicles — Information for first and second responders — Part 4: Propulsion energy identification

#### 3 Terms, definitions and abbreviations

For the purposes of this document, the terms and definitions in ISO 17840-1 and the following apply.